Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For other Works)

No: 1st & FINAL Est.Cost: lakhs

Division DASARAHALLI Sub-Division Shettyhalli Date:.....

Bill Recived No. Date:..... Cash Book Vr.No:..... Date:..... Head of Account:- P-3239

Name of work : DRILLING OF BOREWELLS AND PROVIDING PIPELINEAT KEMPEGOWDA GARDEN, NISARGA LAYOUT AND SAPTHAGIRI LAYOUT SURROUNDING AREA IN WARD NO 12

Name of Contractor and Full Address: Sri. HANUMANTHA G NAIK

Work Order No:- EE/DD/WO/10/2021-22 Dt : 27.5.2021

Job Code Number :- 012-20-000110

Certificated that the measurements were taken by me on 21/6, 22/6 & 28/7 and recorded on page 486832 to 486849 of Measurement Book No 4869/2019-20 and that work is satifactorily executed.

Contractor

Office - in - Charge of work

Certified that the measurement were checked by me on 28.7.2021 And fund correct. The work and the Contractor has not previously received any advance on this security.

Thease Materials are of an imperishable nature and are all required by the contractor for immediate use on the work in Connection with items. For which rates for finished work have been agreed upon. A formal agreement signed and executed by Contractor is recorded in the office.

II Memorandum of Payment

Sub-Division-Officer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

1.Total Value of work done or supplies made as per Account Within	.....	1st and Final Bill Amut - 1847691=00
2. Deduct amount to be held in reserve being.....percent Rs.....	.....	IT - 18477=00
3. Balance		
4. Deduct Payment:-		
a) Amount or previous payment as in the Office Cash Book Vr. No.....C.....Dated.....S.D. No.....		LWC - 18477=00
Amount adjusted towards cash advance recovery of		CBF - 1848=00
b) Payments cost of store or other materials supplied now made Recovery of amount creditable to his/other work		(-) 71796=00
5. Amount paid on this bill cheque/cash.		CGST - 16497=00
6. Balance being unpaid value of work done held in reserve. Total		SGST - 16497=00
7. Deduct Cash advance made on the office Cash Book Vr. No.		
8. Net amount due to or from contractor Unadjustment items		Net - 1775895=00
Advance to contractor for materials brought site (as detailed) within		
Value of Government materials supplied.		
Total Amount adjusted	.....	

Contractor's Signature

(for use in the office)

Received Rs.....in words.....

.....

.....by cash and by adjustment of Payments as per mamorandum.

Witness:-

1

2

(In final settlement of all demands)

Audited and admitted for Rs. 1847691=00

Passed by Cr. 1775895=00

Seventeen Lakhs seventy Five thousand Eight hundred and Ninty Five only

71796=00

Receipt Stamp

Signature of Contractor

Date:.....

Paid by me by cheque No.....Date.....

Cash Rs.....

Date.....initial of officer making payment

Asst. Executive Engineer

B.B.M.P. Dasarahalli Division

Dated:..... Executive Engineer.

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BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Work:-DRILLING OF BOREWELLS AND PROVIDING PIPELINEAT KEMPEGOWDA GARDEN, NISARGA LAYOUT AND SAPTHAGIRI LAYOUT SURROUNDING AREA IN WARD NO 12 (012-20-000110)

SL No	Description of Work	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
1	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through a hand pump, MWS or PWS vertical electrical sounding by adopting venner or Schlumberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation incluing an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc., complete as Per Specifications and as per the direction of Engineer-in-charge of the work	Each				2.00	3315.46	6631.00	2	6631.00
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour all as specified etc.., complete as per specification and as per the direction of Engineer-in-charge of the work									
A	Narayanreddy Layout									
2	0.00 to 50.00 mtr	Rmtr				50.00	305.33	15267.00	50	15267.00
3	50.00to 100.00 mtr	Rmtr				50.00	388.92	19446.00	50	19446.00
4	100.00to 150.00 mtr	Rmtr				50.00	401.23	20062.00	50	20062.00
5	150.00to 200.00 mtr	Rmtr				50.00	471.63	23582.00	50	23582.00
6	200.00to 250.00 mtr	Rmtr				50.00	557.86	27893.00	50	27893.00
7	250.00to 300.00 mtr	Rmtr				50.00	615.93	30797.00	50	30797.00
8	300.00to 350.00 mtr	Rmtr				50.00	725.92	36296.00	50	36296.00
9	350.00 and 400.00 mtr	Rmtr				50.00	791.91	39596.00	50	39596.00
B	LV Enclave									
2	0.00 to 50.00 mtr	Rmtr				50.00	305.33	15267.00	50	15267.00
3	50.00to 100.00 mtr	Rmtr				50.00	388.92	19446.00	50	19446.00
4	100.00to 150.00 mtr	Rmtr				50.00	401.23	20062.00	50	20062.00
5	150.00to 200.00 mtr	Rmtr				50.00	471.63	23582.00	50	23582.00
6	200.00to 250.00 mtr	Rmtr				50.00	557.86	27893.00	50	27893.00
7	250.00to 300.00 mtr	Rmtr				50.00	615.93	30797.00	50	30797.00
8	300.00to 350.00 mtr	Rmtr				50.00	725.92	36296.00	50	36296.00
9	350.00 and 400.00 mtr	Rmtr				50.00	791.91	39596.00	50	39596.00
10	Providing & Fixing 250mm outerdia PVC Pipe etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	Rmtr				198.00	1938.76	383874.00	198	383874.00

SL	Description of Work	Unit	Previous Measurement			Present Measurement			Total Up-to-date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
11	Supply of ISI mark 175mm nominal bore,Plain end steel casing pipe -grade of steel FE-410 of Wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7mtrs .Both ends threaded confirming to IS 554/1985,one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonabley free from defects. The tubes shall be reasonably straight should be with ISI Marking ,Weighing 25.10kg/mtr etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	Rmtr				70.00	1165.87	81611.00	70.00	81611.00
12	Providing & Fixing 175 mm dia MS casing collers etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No				2.00	131.99	264.00	2.00	264.00
13	Providing & Fixing 175 mm dia MS casing Cap etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No				2.00	87.99	176.00	2.00	176.00
14	Providing, supplying to work site,and fixing Submersible Pump Sets of 150mm dia suitable for bore well and confirming to IS 8034:3Phase, SS Bowl & Impeller with Low Volt motor as per specifications as per necessary ammendments and complete as per specification and as per the direction of Engineer-in-charge of the work	No				2.00	######	137877.00	2.00	137877.00
15	Supply and delivery of laying, jointing , testing and commissioning of G.I. Pipes conforming to IS 1239;1990 with latest amendments, including fixing Collars, Elbows, Tees, bends, Glad Cocks and other Fittings (Excluding Cost of Specials) with Cuts and Threads wherever necessary including conveying the materials to workspot, including testing for water tightness with all lead and lifts etc complete (Contractor shall make his own arrangements for procuring water for testing) Class-C -Heavy Duty 50mm Dia etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	Rmtr				600.00	407.39	244434.00	600.00	244434.00
16	Supply and fixing 50mm dia GI collar Heavy duty etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No				100	158.38	15838.00	100.00	15838.00
17	Supplying and Drowing 3 core flat sheated submersible pump cable manufactured with celectrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts as per IS 694:1990.3C X 6.0Sqmm etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	Rmtr				1200	180.38	216456.00	#####	216456.00
18	Supply and fixing 50mm dia GI Union with ISI mark etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No				2	196.83	394.00	2.00	394.00
19	Supply and fixing 50mm dia GI Nipple with ISI mark etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No				6	91.77	551.00	6.00	551.00

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SL	Description of Work	Unit	Previous Measurement	Present Measurement			Total Up-to-date	
20	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments 50mm Dia etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No		2	1033.88	2068.00	2.00	2068.00
21	Supplying and fixing 50mm dia GI Elbow with ISI mark etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No		6	98.37	590.00	6.00	590.00
22	Supplying and delivery at site brand new star/Essen/Lotus/Sun-shines/Adarsh/ G.K.Controls Best Indigenous make combined energy meter-cum control panel board unit minimum mechanically strong suitable for oparation on 3HP 50HZ 380/440 volts AC supply with spring loaded Latch locking Device with a key Ribbs should be provided. contron panal board unit suitable for operation on 3HP 50HZ 380/440 Volts AC shall be consists Etc. complete the panal board shall be fabricated in single unit in the above components panal board suitable pump set 10HP to 20 HP with stac Delta Starter Out Door Panel board Up to 20HP etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No		2	18477.9	36956.00	2.00	36956.00
23	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work.	Job		2	4971.44	9943.00	2.00	9943.00
24	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work.	Job		2	1054.12	2108.00	2.00	2108.00
25	Supplying of TPST with rewireable porcelain channels in SM incloser 32 amps complete as per specification and as per the direction of Engineer-in-charge of the work	No		2	1583.82	3168.00	2.00	3168.00
26	Supplying and fixing polished wood board made of not less than 15mm thick planks on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs, screws etc.20"x20"x2.50" complete as per specification and as per the direction of Engineer-in-charge of the work	No		2	256.93	514.00	2.00	514.00
27	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440V A.C 50 Hz 12/24v D.C complete as per specification and as per the direction of Engineer-	No		2	378.36	757.00	2.00	757.00
28	Supplying fixing and wiring heavy duty low voltage capacitors confirming to IS 2834,3phase 400/440 volts grade for power factor improvement of rotating machinaries like induction motor 2KVAR complete as per specification and as per the direction of Engineer-in-charge of the work	No		2	351.96	704.00	2.00	704.00

SL	Description of Work	Unit	Previous Measurement	Present Measurement			Total Up-to-date	
29	Supplying and fixing miniature circuit breakers on existing MCB, distribution boards using necessary fixing materials and c type curve,indicator ON/OFF,energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6 to 32amps complete as per specification and as per the direction of	No		2	1509.03	3018.00	2.00	3018.00
30	Supplying and fixing wiring earth electrode for grounding conduits IC cutouts and other eqipments on the meter board using 40mm dia 2.90mm thick GI-pipe 2.5mtr long burried in a pit. The pit sollowed filled with equal proportions of salt and charcoal 150mm all -round the pipe to complete depth the connection from pipe to the conduit etc. is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers, check nuts, etc.., the pipes shall have 16 through holes of 12mm dia etc.., complete as per specification and as per the direction of Engineer-in-charge of the work	No		2	2639.44	5279.00	2.00	5279.00
31	Supplying and fixing of A class (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia complete as per specification and as per the	Rmtr		8	294.77	2358.00	8.00	2358.00
32	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS - 1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 complete as	Rmtr		90	131.99	11879.00	90.00	11879.00
33	Digging of trench of 0.6 m deep x0.50 mtrs wide refilling the trench to the required ground level and consolidating etc complete (As per Civil SR KSRB I-2,P-7)cutting road surface in hard soil complete as per specification and as per the direction of Engineer-in-charge of the work	Rmtr		80	89.75	7180.00	80.00	7180.00
34	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm. complete as per specification and as per the direction of Engineer-in-charge of the work	Rmtr		90	10.45	941.00	90.00	941.00
35	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,. Bolts, nuts & washers etc 16 sqmm complete as per specification and as per the direction of Engineer-in-charge of the work	No		6	237.57	1425.00	6.00	1425.00
36	Supplying and fixing of porcelain fuse channel with cutout on existing wooden /pannel using necessary nuts, bolts and washers complete as per specification and as per the direction of Engineer-	No		6	153.1	919.00	6.00	919.00
37	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. (RDWS SR 2019-20 Pg No.08 I No.2.26) Cutting Asphalt Road Surface(RDWS SR 2019-20Pg complete as per	Cum		10.8	476.91	5151.00	10.80	5151.00

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SL No	Description of Work	Unit	Previous			Present Measurement			Total Up-to-date	
			Qty	Rate	Cost	Qty	Rate	Cost	Qty	Cost
38	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc. in the following classification. (RDWS SR 2019-20 Pg No.08 I No.2.26) Cutting in Cement Concrete Road Surface complete as per specification and as per the direction of Engineer-in-charge of the work	Cum				4.5	973.17	4379.00	4.50	4379.00
39	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments complete as per specification and as per the direction of Engineer-in-charge of the work	each				2	1047.08	2094.00	2.00	2094.00
40	Bescom charges	each				2	17158.1	34316.00	2.00	34316.00
							SUB TOTAL	1648270.00		1648270.00
							GST Charges 12%	197792.00		197792.00
							GRAND TOTAL	1846062.00		1846062.00

1649724 = ∞
197967 = ∞

Certificate

1 Certified That tha work done is Satisfactorily.
2 There is no departmental issues by BBMP.

1847691 = ∞ 1847691 =

Junior/Asst. Engineer
Ward No 12

Asst. Executive Engineer
Shetty-halli Sub-Division
Bangalore

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪ ವಿಭಾಗ ಶೆಟ್ಟಿಹಳ್ಳಿ ಪಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಬೆಂಗಳೂರು-20

Executive Engineer
B.T.S.I.P.C Dasarahalli Division
Bangalore

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